

- In re Appln. of KAMIMURA et al.
Application No. Unassigned

ABSTRACT AMENDMENTS

Replace the Abstract with:

A water treatment apparatus ~~is capable of~~ dissolving an oxidizer in wastewater at a fast speed and at a high efficiency ~~thereby to decompose substances to be treated~~ at a high decomposition rate. The apparatus includes an ultraviolet radiation part ~~(30) that is formed into~~ having an elongated tubular configuration, and ~~receives therein~~ receiving an axially extending ultraviolet radiation unit ~~(10) with a space formed between an inner peripheral surface (1a) thereof~~ of the ultraviolet radiation unit and ~~said the~~ the ultraviolet radiation unit ~~(10)~~ to pass ~~therethrough the~~ wastewater ~~(4)~~; and an oxidizer mixing part ~~(60)~~ disposed adjacent to and upstream of the ultraviolet radiation part ~~(30)~~ for mixing an oxidizer with the wastewater ~~(4)~~. The ultraviolet radiation unit ~~(10)~~ irradiates the wastewater with ultraviolet light ~~to the wastewater (4) with which the oxidizer is mixed, thereby to decompose the substances to be treated in the wastewater (4).~~